

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

### DRT Homework #2

**Situation:** Chandler's mom drove him to school this morning going 30mph. Chandler decided to walk home at a speed of 15mph. If it took Chandler an hour and a half longer to get home than his trip to school, how long did his trip to school take?

**a. What type of DRT Problem is this?**

**b. Write the GENERAL equation for this type of problem.**

**c. Define a variable.**

**d. Fill in the DRT Table below.**

	rate	time	Distance

**e. Using the GENERAL equation from part b and your table, WRITE AND SOLVE an equation for the situation.**

**f. Solve the equation.**

**ANSWER THE QUESTION:** \_\_\_\_\_